



**Recommendation for  
Water & Wastewater Commission**

<b>Commission Meeting Date:</b>	June 8, 2016
<b>Council Meeting Date:</b>	June 23, 2016
<b>Department:</b>	Austin Water
<b>SUBJECT</b>	
Amend an interlocal agreement with the Upper Brushy Creek Water Control Improvement District for the relocation of a 15-inch diameter wastewater line in an amount not to exceed \$3,812,322.50.	
<b>AMOUNT AND SOURCE OF FUNDING</b>	
Funding is available in the Fiscal Year 2015-2016 Capital Budget of the Austin Water.	
<b>Purchasing Language:</b>	N/A
<b>Prior Council Action:</b>	June 26, 2014- Council authorized negotiation and execution of an interlocal agreement with the Upper Brushy Creek Water Control Improvement District.
<b>For More Information:</b>	Mike Russ, 512-972-2054; Denise Avery, 512-972-0104
<b>Boards and Commission Action:</b>	June 8, 2016- To be reviewed by the Water and Wastewater Commission.
<b>MBE/WBE:</b>	N/A

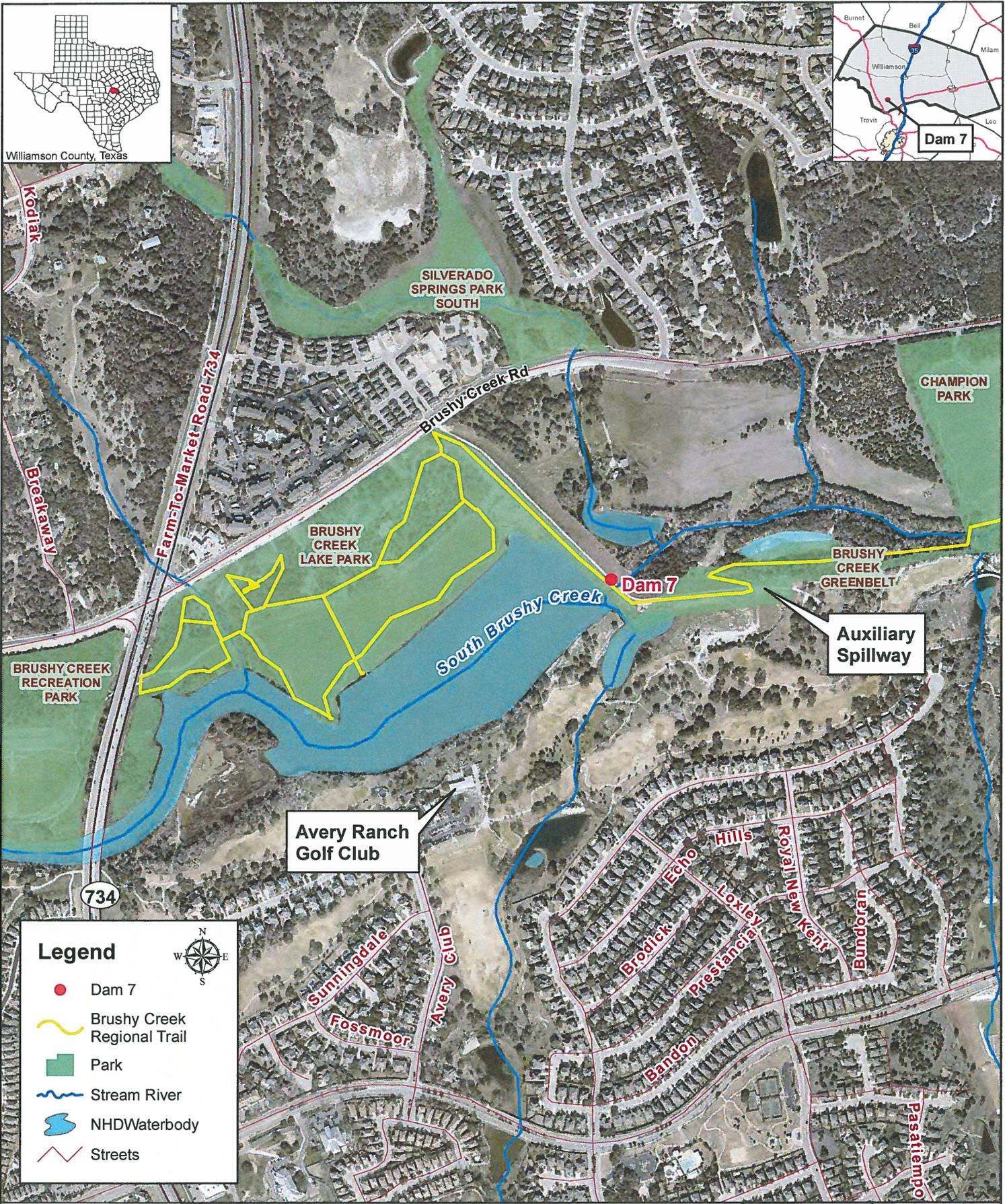
An existing 15" wastewater line is located within the existing auxiliary spillway limits at the Upper Brushy Creek Water Control and Improvement District's (District) Dam No. 7 located in Williamson County. The District is modernizing the dam and reconfiguring the spillway in accordance with TCEQ requirements to convey the probable maximum flood through the structure. Austin Water's wastewater line is located within the footprint of the planned spillway expansion. Relocating the wastewater line is necessary to provide maintenance access and adequate coverage to the relocated pipeline. In accordance with the interlocal agreement, the District will contract for the design, easement acquisition, and construction of the wastewater line relocation.

As the project proceeded from preliminary engineering to design, it was identified during the geotechnical investigation that the subsurface conditions were not applicable for traditional jack and bore techniques and that tunneling would be required. Tunneling is more expensive than traditional jack and bore techniques which led to an increase in the overall project cost. This amendment to the interlocal agreement will be an increase of \$1,847,322.50 to cover the additional design and construction costs and provide a 5% contingency on the project.

The Upper Brushy Creek Water Control Improvement District completed a competitive process to solicit the best value contractor for the Dam 7 Modernization project. Seven competitive sealed proposals were received and the top three firms were interviewed. On May 13, 2016 the Upper Brushy Water Control Improvement District Board of Directors directed their staff to negotiate and execute a contract with ASI Constructors Inc. of Pueblo West, Colorado. The cost of the wastewater work is higher than budgeted. The cost of the wastewater related bid items is \$3,142,250. The total Dam 7 Modernization project contract amount is \$17,819,013. A breakdown of the original and current costs is listed below.

<b>Task</b>	<b>Original</b>	<b>Current</b>
Engineering	\$300,000	\$373,460
Easements	\$300,000	\$139,500
Construction	\$1,300,000	\$3,142,250
5% Construction Contingency	\$65,000	\$157,112.50
<b>Total</b>	<b>\$1,965,000</b>	<b>\$3,812,322.50</b>

If the City fails to relocate the wastewater line, the District will proceed with their TCEQ mandated dam modernization and spillway improvements, and the wastewater line will be covered by the new concrete spillway and the pipe upstream of the spillway will be exposed as part of the approach to the spillway. In order to meet Austin Water's future operations and maintenance responsibilities, the wastewater line must be relocated.



Williamson County, Texas

Dam 7

SILVERADO SPRINGS PARK SOUTH

CHAMPION PARK

BRUSHY CREEK LAKE PARK

BRUSHY CREEK GREENBELT

BRUSHY CREEK RECREATION PARK

South Brushy Creek

Dam 7

Auxiliary Spillway

Avery Ranch Golf Club

734

**Legend**

- Dam 7
- Brushy Creek Regional Trail
- Park
- Stream River
- NHD Waterbody
- Streets



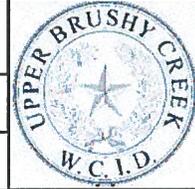
FN PROJECT NO.	BKW13125
DATE CREATED	Date: 3/7/2013
DATUM & COORDINATE SYSTEM	NAD83 State Plane (feet) Texas Central
FILE NAME	Name: BKW_ProjLoc_8x11_LSP_20130307
PREPARED BY	BCK

**FREES AND NICHOLS, INC.**  
 10814 JOLLYVILLE ROAD  
 BLDG. 4, SUITE 100  
 AUSTIN, TEXAS 78759  
 PHONE: 512-617-3100  
 FAX: 512-617-3101



**Brushy Creek Dam 7**

**Project Location Map**



FIGURE

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